

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121830.D
 Acq On : 5 Oct 2020 21:53
 Operator : JU/CG
 Sample : L4198-31 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-4

Manual Integrations
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Quant Time: Oct 06 01:28:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	101251	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	376246	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	167454	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	271347	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	265388	20.00	ng	-0.01
86) Perylene-d12	15.36	264	262801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	265373	38.95	ng	0.00
7) Phenol-d6	6.40	99	323736	36.22	ng	-0.01
23) Nitrobenzene-d5	7.32	82	207758	29.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	65976	31.70	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	354282	32.04	ng	-0.01
79) Terphenyl-d14	12.86	244	280528	21.41	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.52	163	32077	2.643	ng	Qvalue 100
75) Fluoranthene	12.49	202	66370	4.205	ng	98
78) Pyrene	12.72	202	69655	3.592	ng	98
81) Benzo(a)anthracene	13.91	228	55235	3.290	ng	99
83) Chrysene	13.94	228	44756	2.632	ng	96
88) Benzo(b)fluoranthene	14.94	252	80372m	4.575	ng	
90) Benzo(a)pyrene	15.30	252	55182	3.695	ng	# 92
92) Benzo(g,h,i)perylene	17.20	276	29181	2.084	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

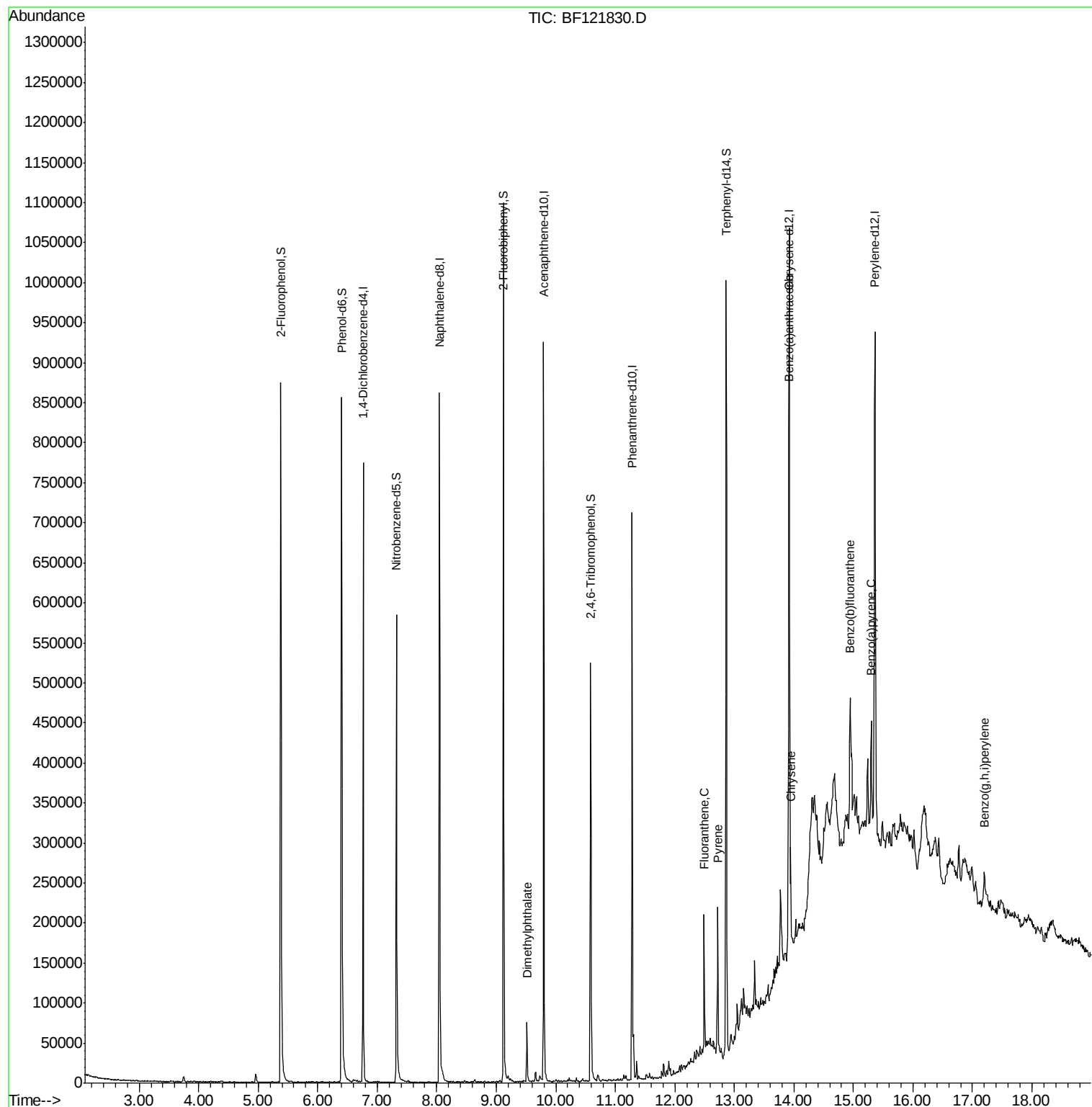
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121830.D
Acq On : 5 Oct 2020 21:53
Operator : JU/CG
Sample : L4198-31 2X
Misc :
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Instrument :
BNA_F
ClientSampled :
RO-4

Quant Time: Oct 06 01:28:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
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#1

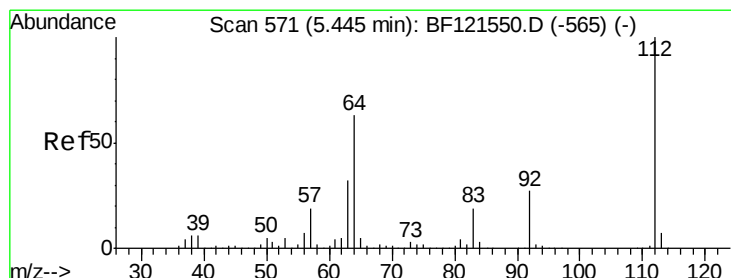
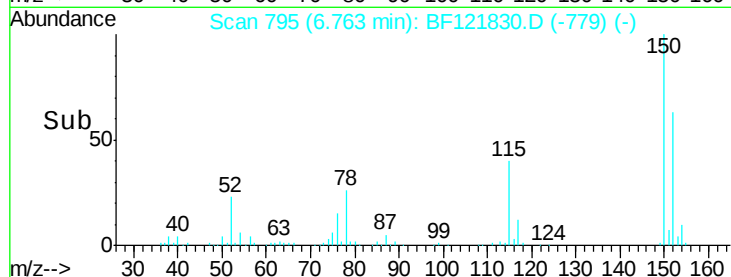
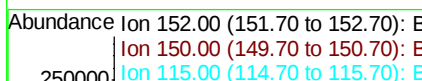
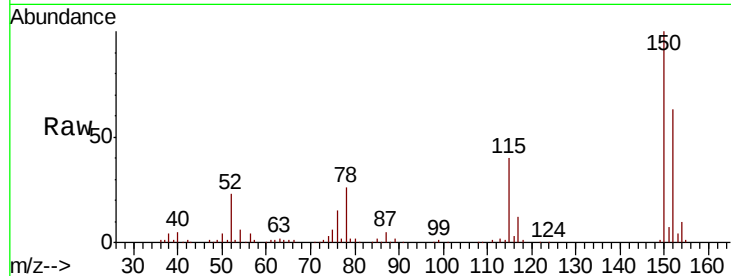
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Instrument :
BNA_F
ClientSampled :
RO-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.3	187.9
115	63.9	51.9	77.9

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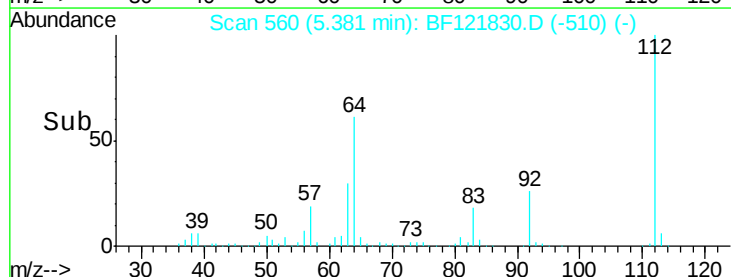
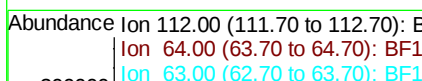
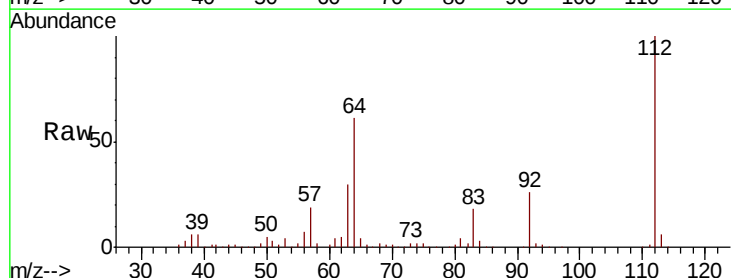
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#5

2-Fluorophenol
Concen: 38.950 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	50.4	75.6
63	29.7	25.8	38.6





#7

Phenol-d6

Concen: 36.219 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121830.D

Acq: 5 Oct 2020 21:53

Instrument :

BNA_F

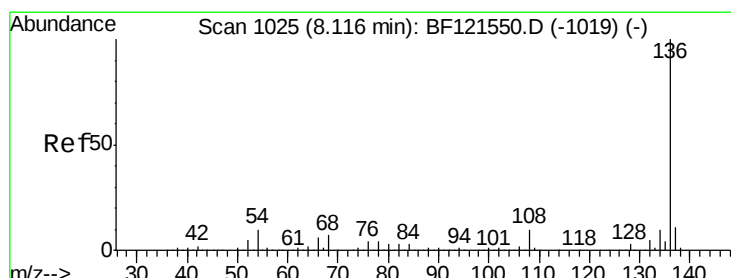
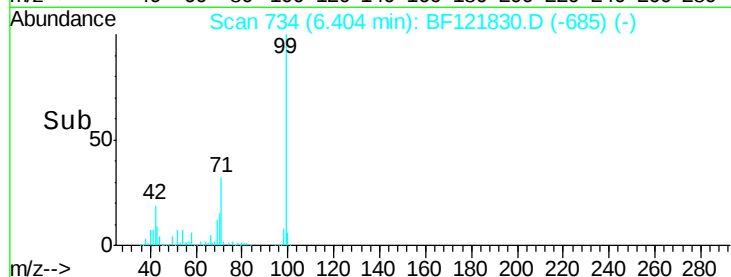
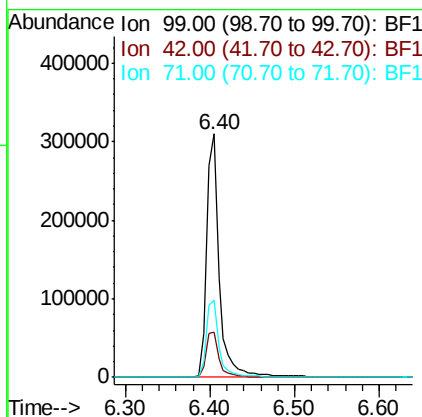
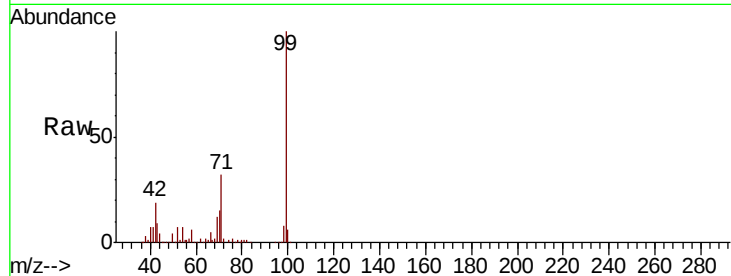
ClientSampleId :

RO-4

Tot Ion:	99	Resp:	323736
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.9	23.9
71	31.5	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

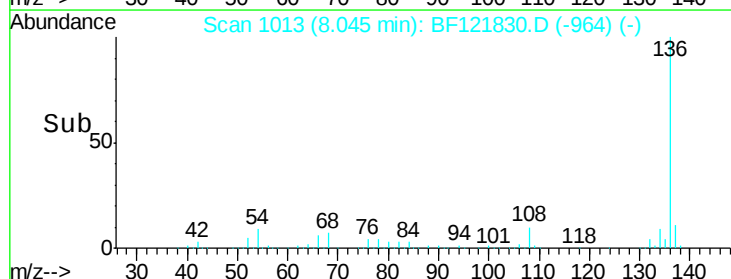
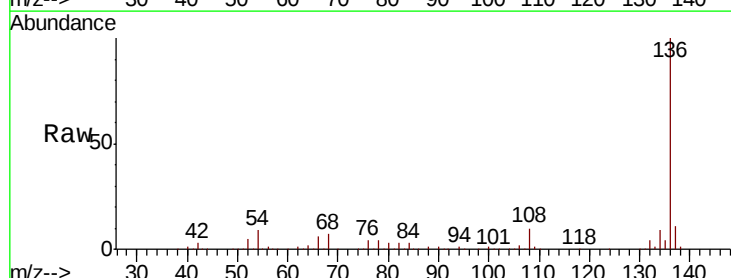
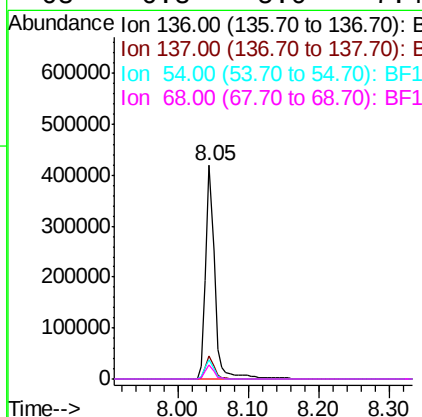
RT: 8.05 min Scan# 1013

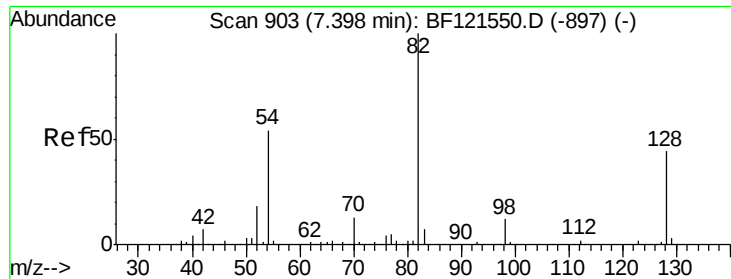
Delta R.T. -0.01 min

Lab File: BF121830.D

Acq: 5 Oct 2020 21:53

Tgt Ion:	136	Resp:	376246
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.3	7.1	10.7
68	6.8	5.0	7.4





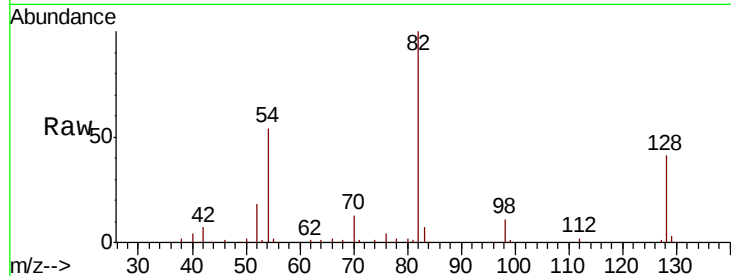
#23
Nitrobenzene-d5
Concen: 29.648 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Instrument :
BNA_F
ClientSampled :
RO-4

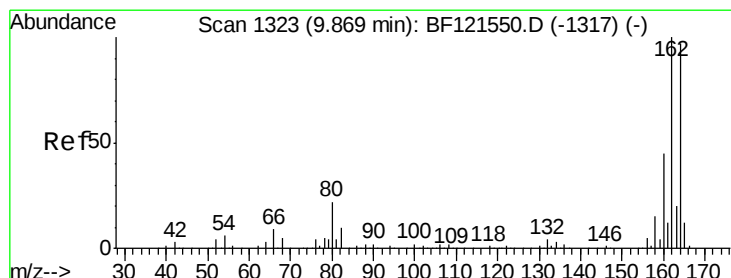
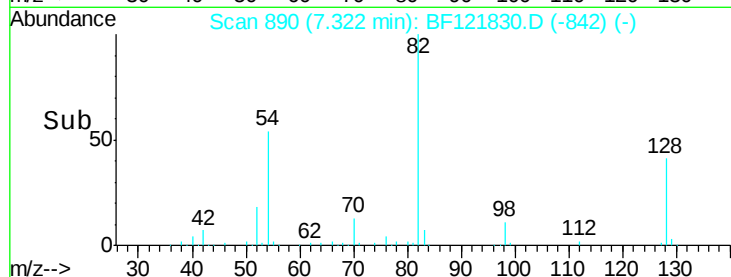
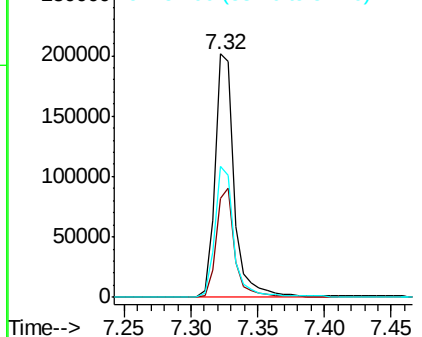
Tot Ion	82	Resp	207758
Ion Ratio	100	Lower	Upper
128	40.6	35.0	52.4
54	53.9	43.9	65.9

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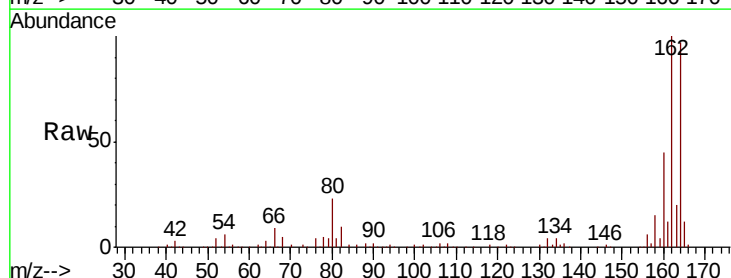


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

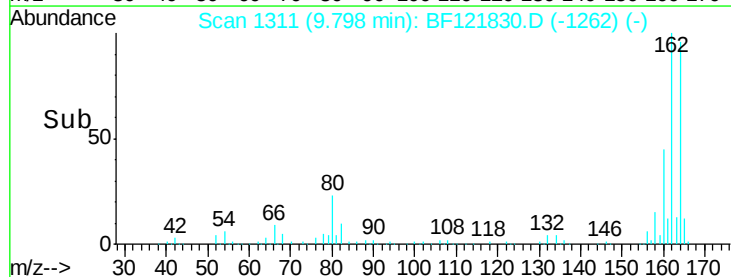
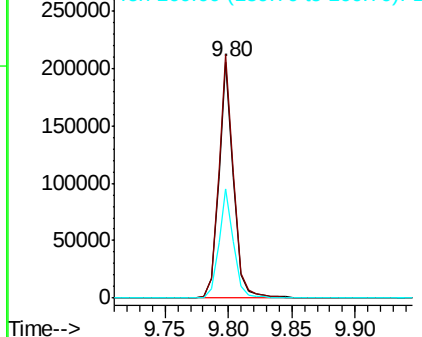


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Tgt Ion	164	Resp	167454
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.0	83.2	124.8
160	46.0	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





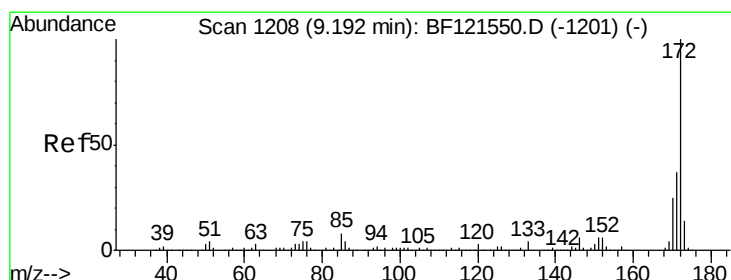
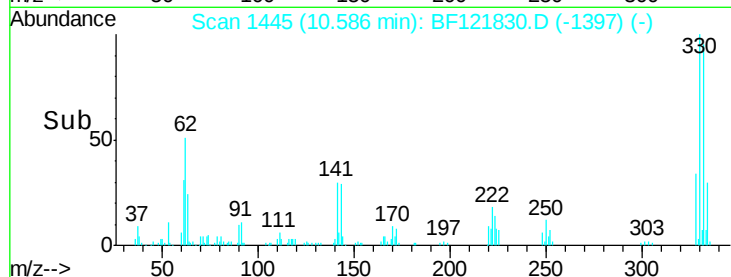
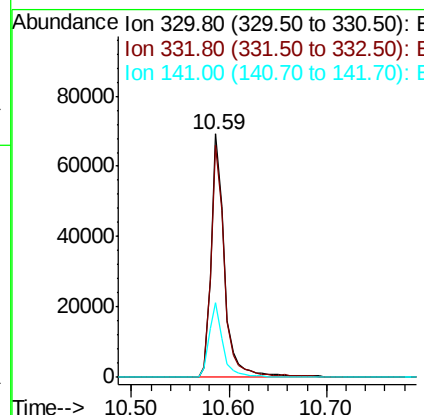
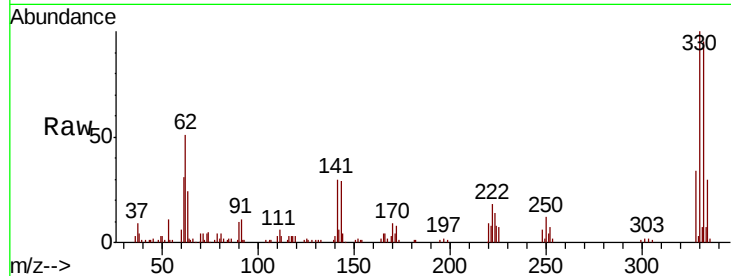
#42
 2,4,6-Tribromophenol
 Concen: 31.701 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121830.D
 Acq: 5 Oct 2020 21:53

Instrument :
 BNA_F
 ClientSampleId :
 RO-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	31.0	22.3	33.5

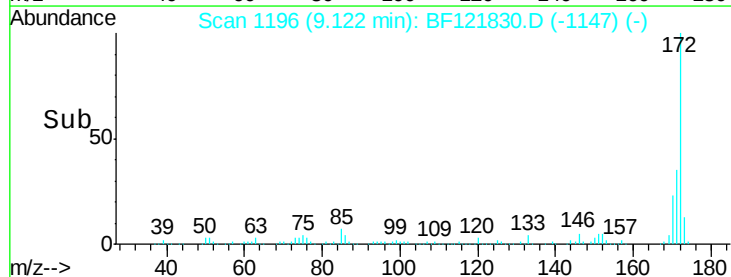
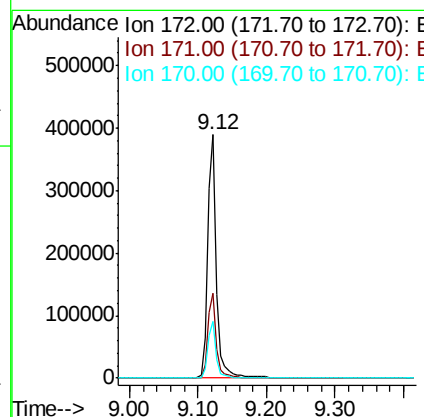
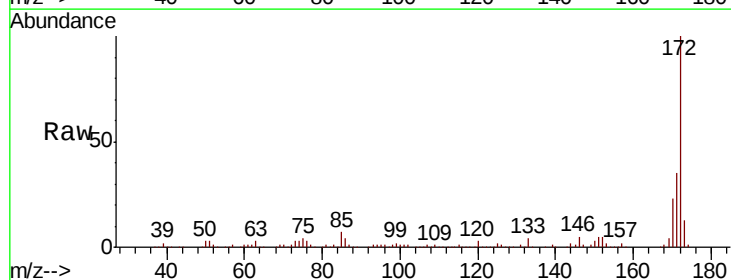
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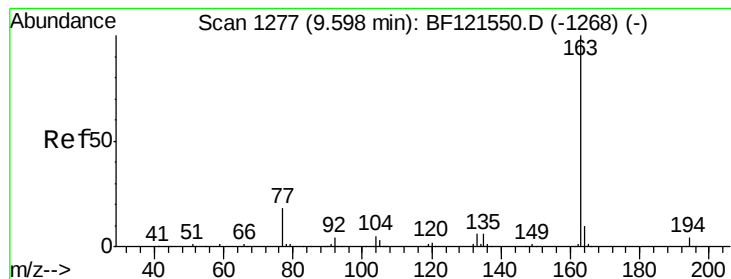
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#45
 2-Fluorobiphenyl
 Concen: 32.043 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121830.D
 Acq: 5 Oct 2020 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.1	43.7
170	23.4	19.8	29.6





#50

Dimethylphthalate

Concen: 2.643 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121830.D

Acq: 5 Oct 2020 21:53

Instrument :

BNA_F

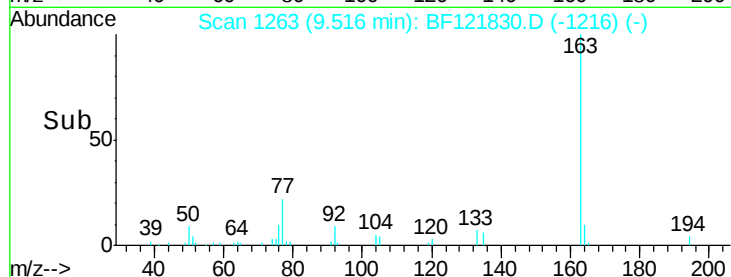
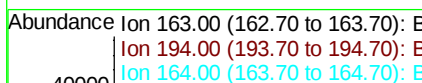
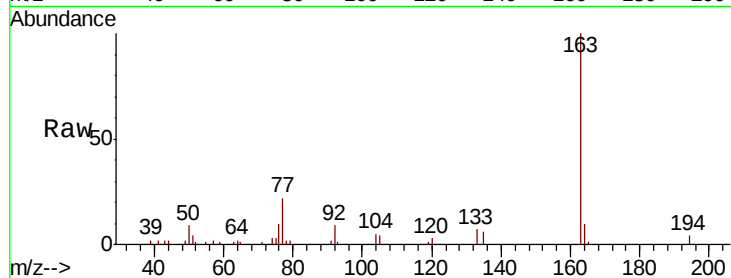
ClientSampleId :

RO-4

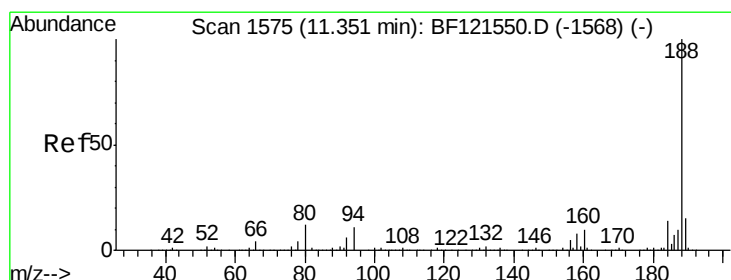
Tot Ion:	163	Resp:	32077
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.2	8.2	12.4

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Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

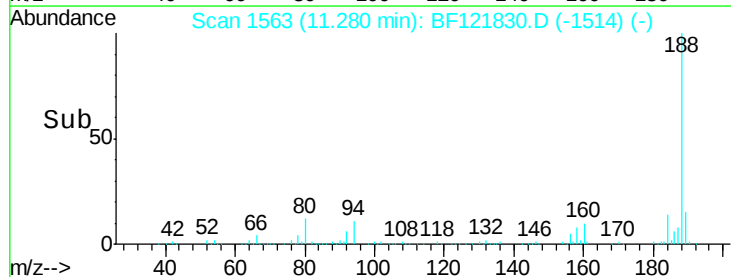
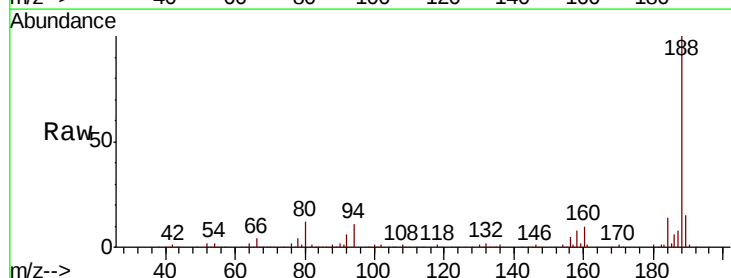
RT: 11.28 min Scan# 1563

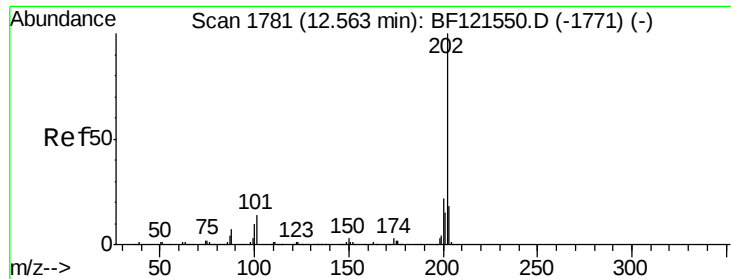
Delta R.T. -0.01 min

Lab File: BF121830.D

Acq: 5 Oct 2020 21:53

Tgt Ion:	188	Resp:	271347
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.3	12.5
80	12.2	9.1	13.7





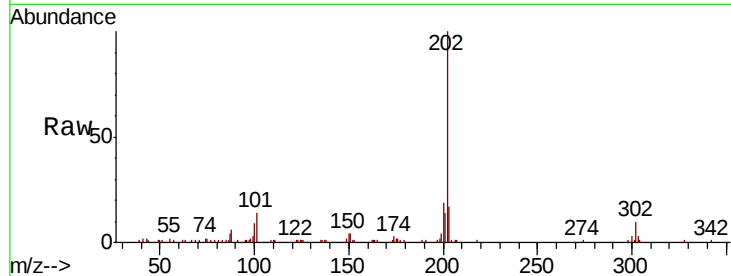
#75
 Fluoranthene
 Concen: 4.205 ng
 RT: 12.49 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF121830.D
 Acq: 5 Oct 2020 21:53

Instrument :
 BNA_F
 ClientSampleId :
 RO-4

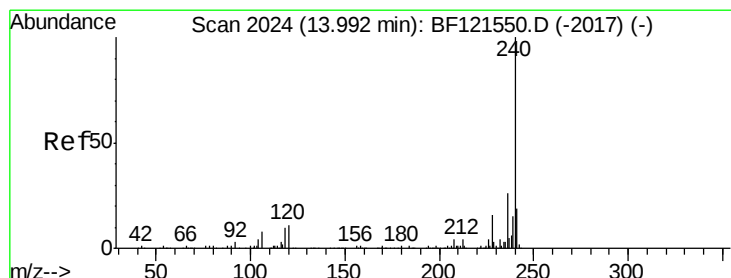
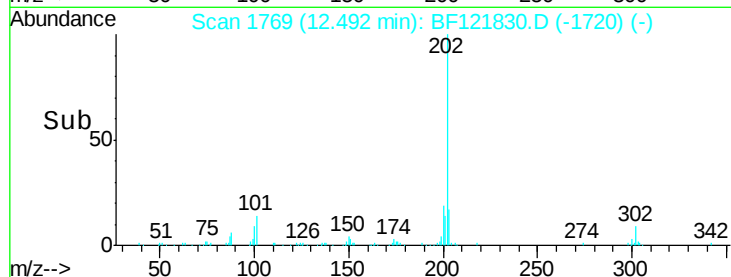
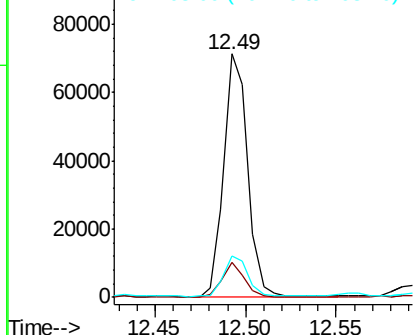
Tot Ion:	202	Resp:	66370
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	33.4
203	17.2	0.0	37.9

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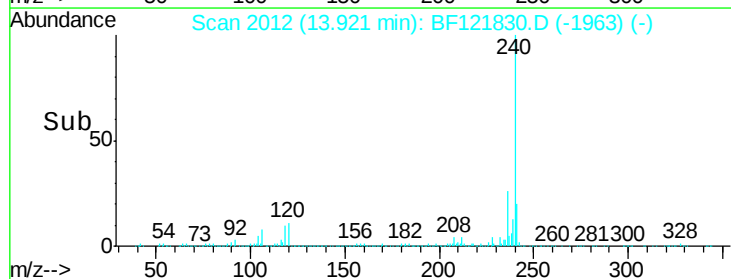
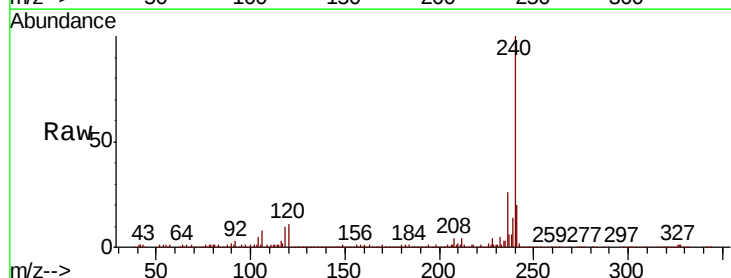
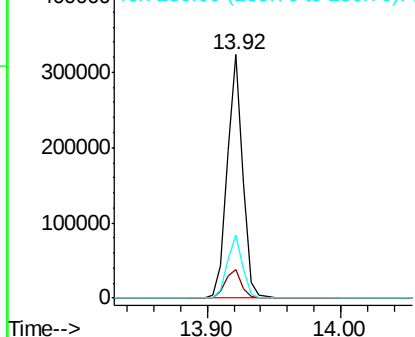
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

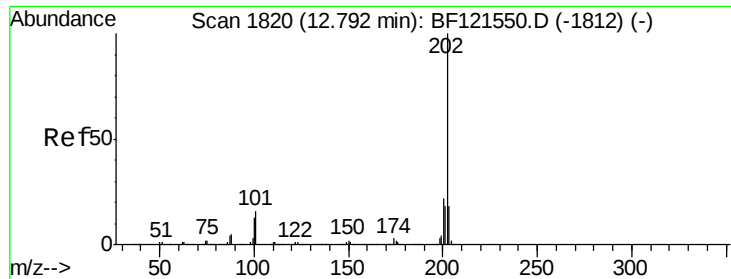


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121830.D
 Acq: 5 Oct 2020 21:53

Tgt Ion:	240	Resp:	265388
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.2	13.8
236	25.8	20.9	31.3

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





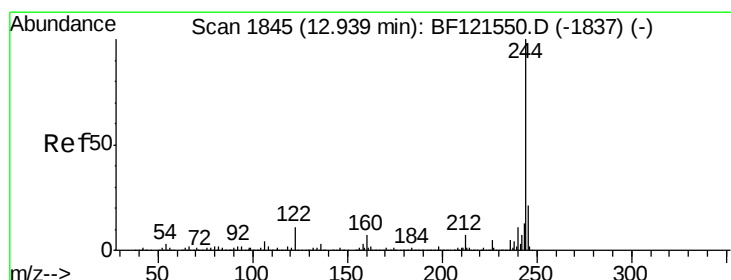
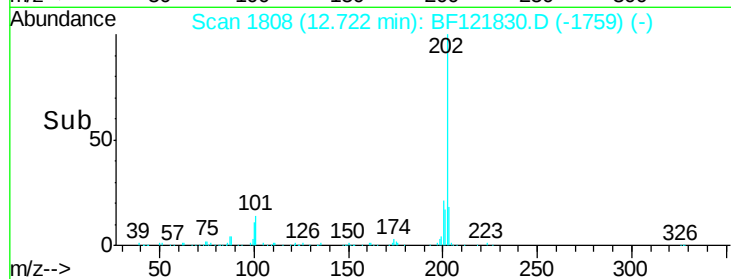
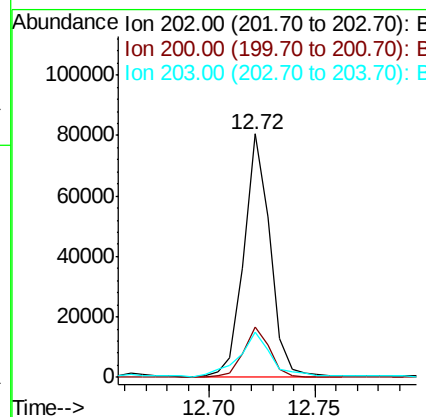
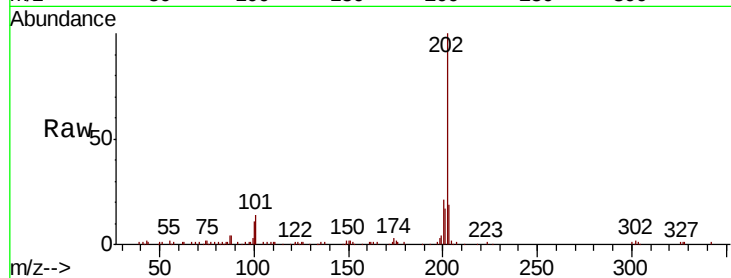
#78
Pvrene
Concen: 3.592 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Instrument :
BNA_F
ClientSampled :
RO-4

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.5	14.6	21.8

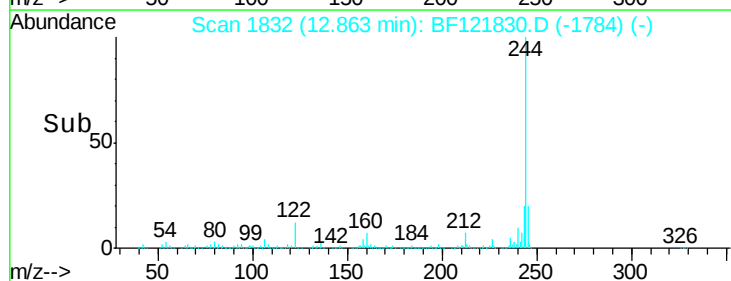
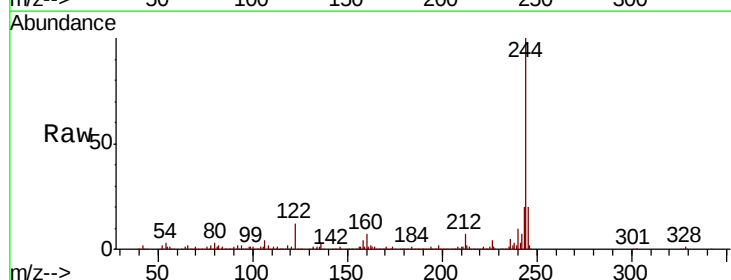
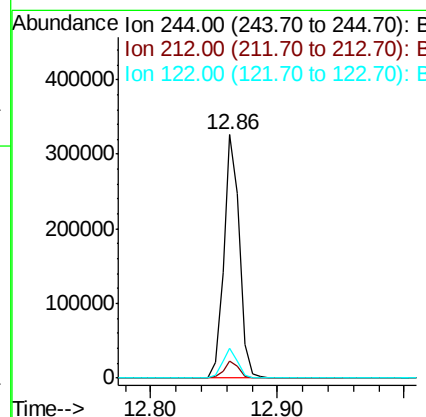
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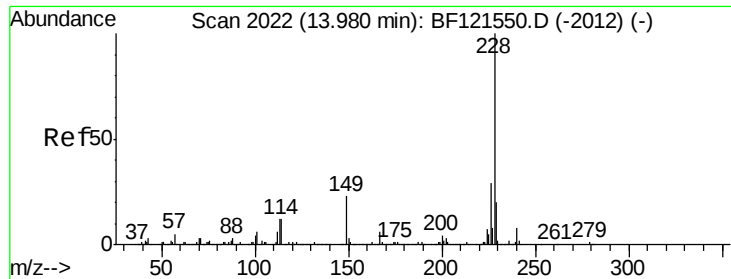
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#79
Terphenyl-d14
Concen: 21.415 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	12.2	8.1	12.1#





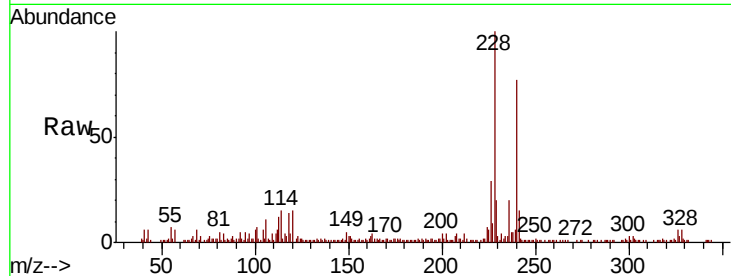
#81
Benzo(a)anthracene
Concen: 3.290 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Instrument :
BNA_F
ClientSampleId :
RO-4

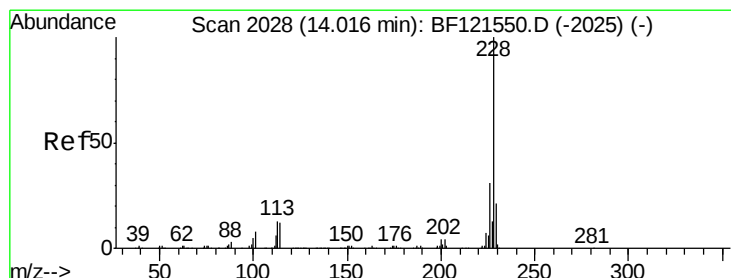
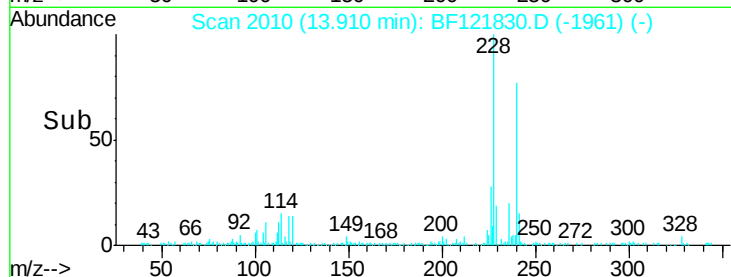
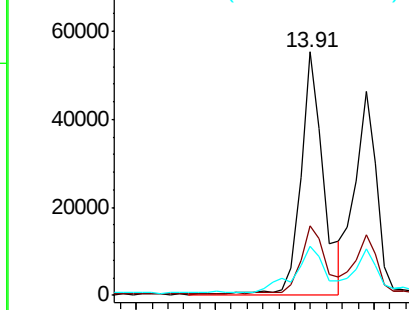
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.2	16.2	24.4

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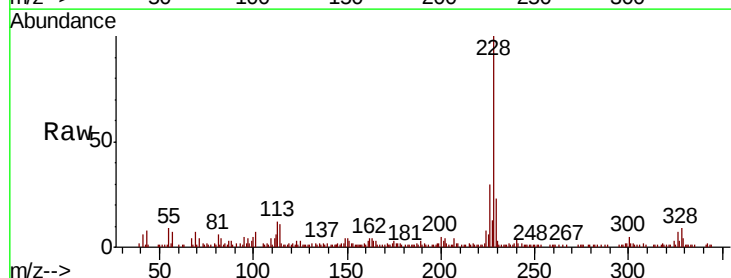


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

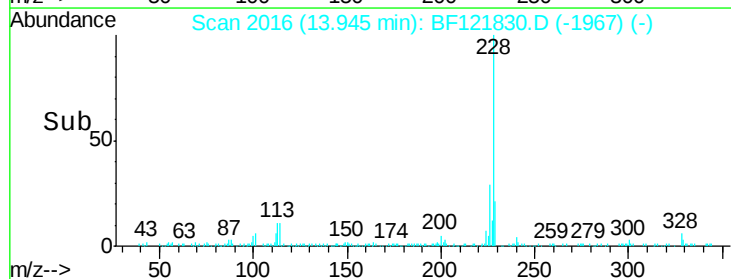
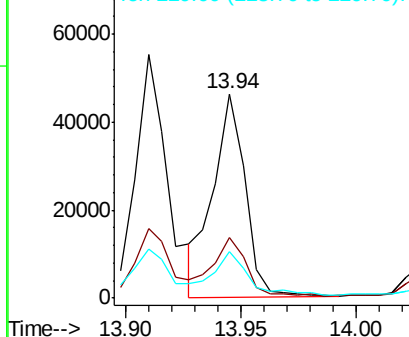


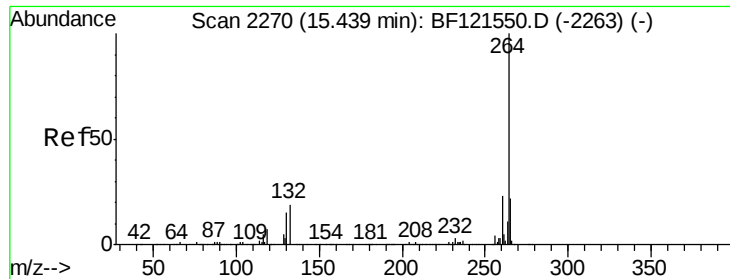
#83
Chrysene
Concen: 2.632 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.6	37.0
229	23.1	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





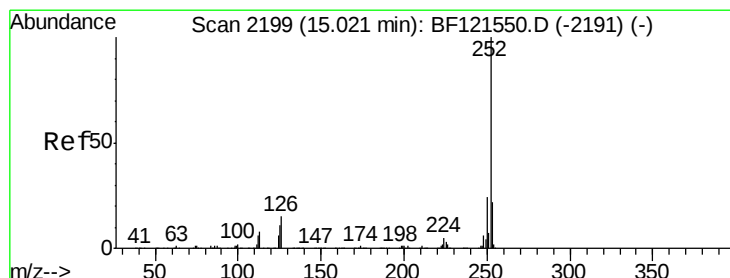
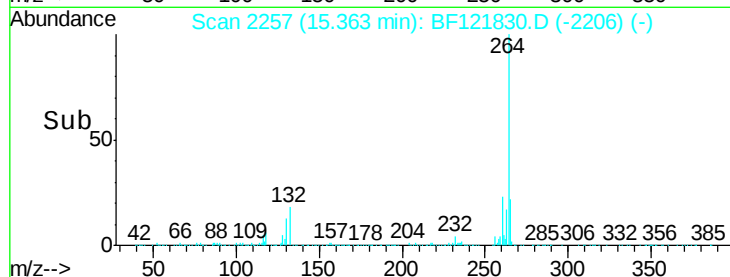
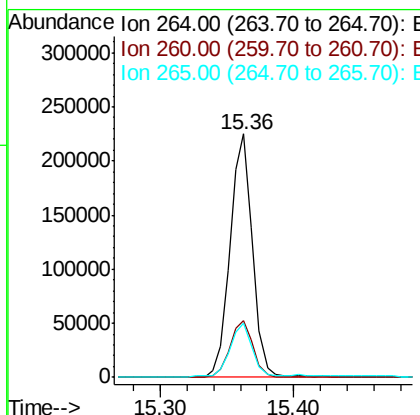
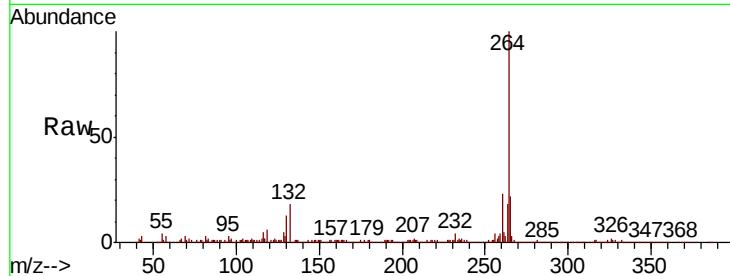
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Instrument :
BNA_F
ClientSampleId :
RO-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.2	17.3	25.9

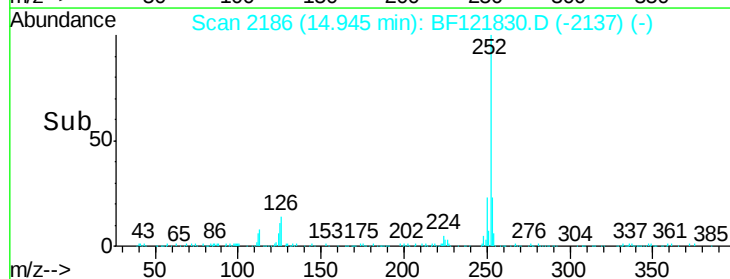
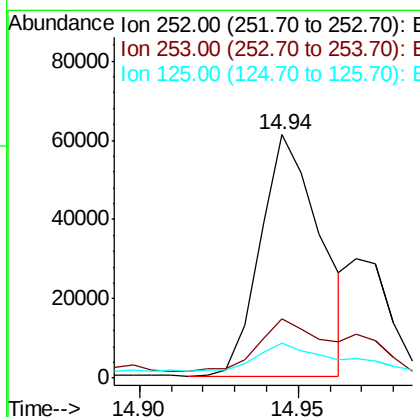
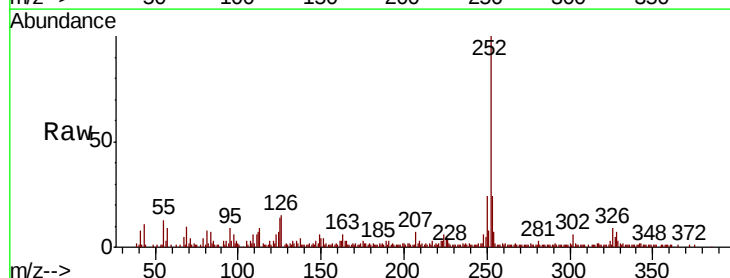
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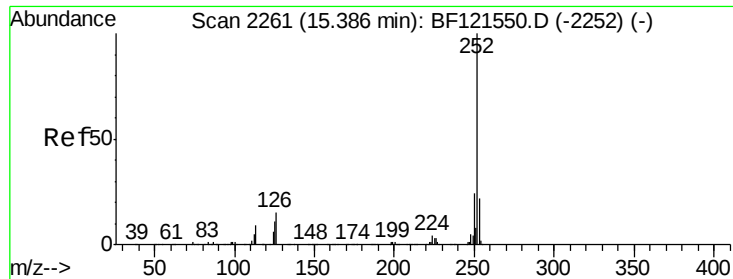
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#88
Benzo(b)fluoranthene
Concen: 4.575 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	14.5	8.0	12.0#





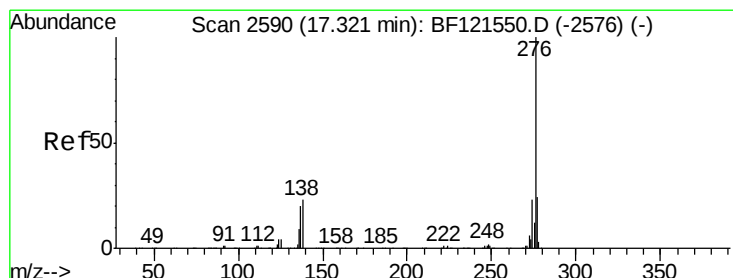
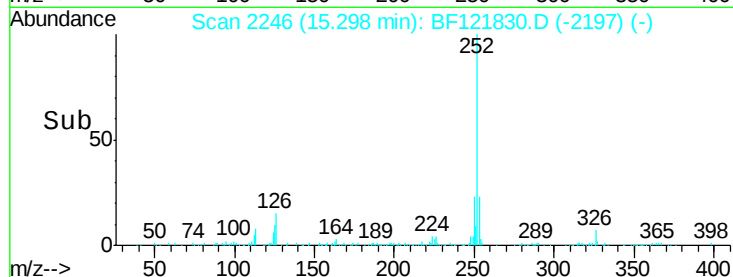
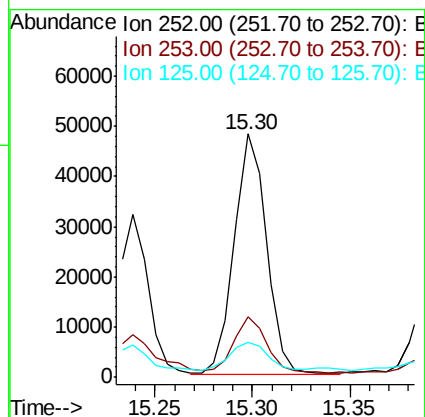
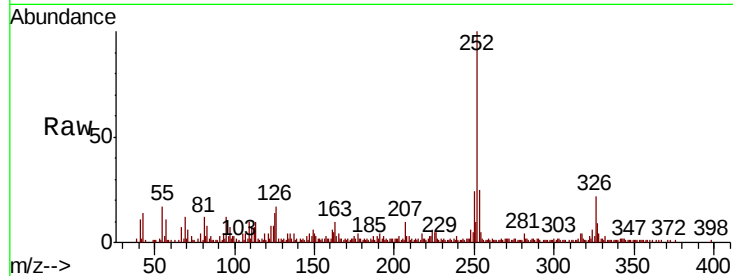
#90
Benzo(a)pyrene
Concen: 3.695 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Instrument :
BNA_F
ClientSampleId :
RO-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.3	25.9
125	14.2	8.6	13.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.084 ng
RT: 17.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BF121830.D
Acq: 5 Oct 2020 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.4	29.2
138	22.9	17.8	26.6

